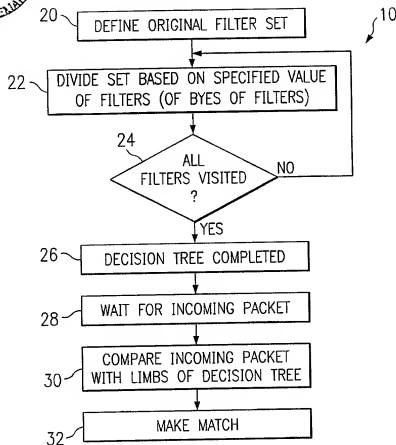


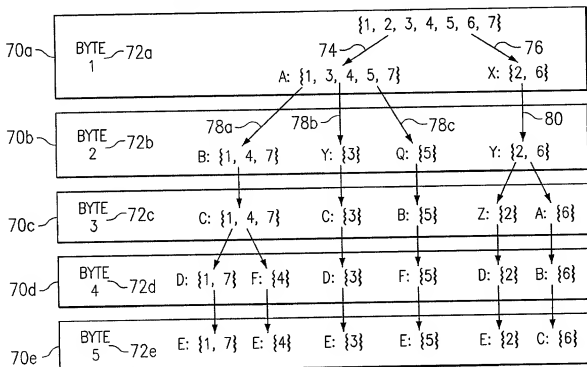


FIG. 1 1/4



FILTERS:
60
 1: A B C D E
 2: X Y Z D E
 3: A Y C D E
 4: A B C F E
 5: A Q B F E
 6: X Y A B C
 7: A B C D E

FIG. 2





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1: *	*	*	*	*
2: *	Y	Z	*	E
3: *	Y	C	D	*
4: *	B	C	*	E
5: *	*	B	F	*
6: *	Y	*	B	*
7: *	B	C	D	E

102

100

{1, 2, 3, 4, 5, 6, 7}

BYTE 1

ANY: {1, 2, 3, 4, 5, 6, 7}

BYTE 2

B: {1, 4, 5, 7}

2/4

ANY: {1, 5}

BYTE 3

B: {1, 5}

ANY: {1, 5}

BYTE 4

F: {1, 5}

ANY: {1, 5}

BYTE 5

ANY: {1, 5}

E: {1, 4, 7}

ANY: {1}

F: {1, 5}

ANY: {1}

E: {1, 2, 6}

B: {1, 6}

F: {1, 5}

ANY: {1}

FIG. 3

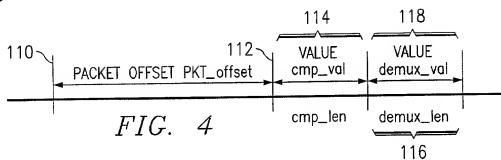


FIG. 4

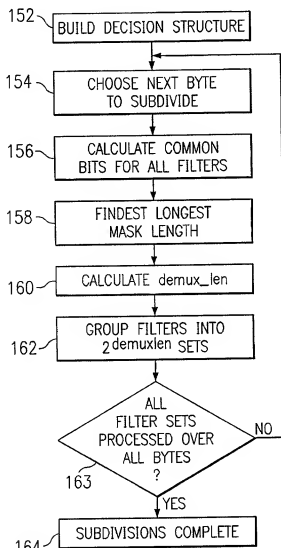


FIG. 5



FIG. 6

```

Filters: f1: 1.2.3.4/32
         f2: 1.5.0.0/16
         f3: 1.2.0.0/16

1  cmpdemux(cmp_len = 7, cmp_val = 0, demux_len = 1)
   0                      No Matches (leaf)
   1                      {f1, f2, f3} goto 2
   NoMatchCase           No Matches (leaf)

2  cmpdemux(cmp_len = 5, cmp_val = 0, demux_len = 3)
   000                   No Matches (leaf)
   001                   No Matches (leaf)
   010                   {f1, f3} goto 3
   011                   No Matches (leaf)
   100                   No Matches (leaf)
   101                   {f2} (leaf)
   110                   No Matches (leaf)
   111                   No Matches (leaf)
   NoMatchCase           No Matches (leaf)

3  cmpdemux(cmp_len = 7, cmp_val = 1, demux_len = 1)
   0                      {f3} (leaf)
   1                      {f1, f3} (leaf)
   NoMatchCase           {f3} (leaf)

4  cmpdemux(cmp_len = 7, cmp_val = 2, demux_len = 1)
   0                      {f1, f3} (leaf)
   1                      {f3} (leaf)
   NoMatchCase           {f3} (leaf)

```

FIG. 7

